U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are require

UTILITY

PATENT APPLICATION

TRANSMITTAL

ed to respond to a collection of	information unless it contains a valid OMB control number.						
Attorney Docket No.	06472 USA						
First Inventor	Wayne Thomas McDermott						
Title	Transmission of Ultrasonic Energy Into						
Express Mail Label No.	FI 685813579US						

(Only for new nonprovisional applications under 37 CFR 1.53(b))

0		<u> </u>		,										
ÞΤΩ	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450									
1.	\boxtimes	Fee Transmittal I	Form (e.g., PTO/SB/17)	_	7.					luplica	te, large	table or Com	puter	
2.	П	(Submit an original Applicant claims See 37 CFR 1.27	Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)											
3.		Specification		(n ap)		omputer I		ole For	m (CRF	")	s. F 29			
		(preferred arranger	•	b.		cation Se			•	,	∑.c			
		- Statement Rega	e to Related Applications arding Fed sponsored R & D equence listing, a table, or a co appendix.		c.	s); or above copies	22141 10/78							
		- Brief Summary of			ACCOMPANYING APPLICATION PARTS									
		 Brief Description Detailed Description 	n of the Drawings (if filed) otion		9.	\boxtimes	Assig	nment Pa	pers (cover s	heet & d	document(s))		
		- Claim(s)	•					R 3.73(b there is an	•		\boxtimes	Power of Atto	mey	
4.	\boxtimes	Drawing(s) (35 U.S.C. 113) Total Sheets 8					Englis	sh Transla	ation D	ocume	nt (if ap	plicable)	9	
5.	Oath o	or Declaration	12.	\boxtimes		nation Dis ment (IDS			\boxtimes	Copies of IDS Citations	5			
	a.	Newly execu	uted (original or copy)		13.		Prelin	ninary Am	endme	ent				
	b.	Copy from a		14.	\boxtimes		n Receipt		•		3)			
		i. DELET	(Should be specifically itemized) 15. Certified Copy of Priority Document(s)											
		i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)				15. Certified Copy of Priority Document(s) (if foreign priority is claimed)								
		name in the prior application, see 37 CFR				16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).								
_		1.63(d)(2) and 1.33(b). Application Data Sheet. See 37 CFR 1.76			17.	Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:								
6.						<u></u>					•			
18.			PLICATION, check approp the title, or in an Application					nformatio	n belov	v and i	n the fir:	st sentence of	the	
		Continuation	Divisional	Continuation	on-in-pa	art (CIF	?)	of prior a	applica	tion No)			
		This application	claims benefit of U.S. Prov	visional Appln.	No									
Pric	r applic	ation information:	: Examiner:					Art Unit:						
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The													der Box	
inco	rporatio	on <u>can only</u> be relie	ed upon when a portion has	been inadverten	tly omit	ted fro	n applica m the si	ition and i ibmitted a	s nerec ppiicat	ion par	porated ts.	by reference.	ine	
			19.	CORRESPO	NDEN	CE AI	DDRES	SS						
Customer Number: 23543					OR Correspondence address below									
Nar	ne	T												
	lress													
				04-4-										
City Cou				State Telephone					Zip C Fax	oae				
County Telephone Name (Print/Type) John M. Fernbacher			Regis	Registration No. (Attorney/Agent 32,895										
Signature (MM)			L								·			
		on of information if	is room			Date		/24/2		aigh is to file (as				

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL Application Number for FY 2004 Filing Date Wayne Thomas McDermott First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit **TOTAL AMOUNT OF PAYMENT** (\$) 1,366 Attorney Docket No. 06472 USA METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money 3. ADDITIONAL FEES Check Credit card Other Large Entity , Small Entity ✓ Deposit Account: Fee Fee Description Deposit Code (\$) Code (\$) Fee Paid 01-0493 Account 1051 130 2051 65 Surcharge - late filing fee or oath Number Deposit 1052 50 2052 Surcharge - late provisional filing fee or 25 Air Products and Chemicals, Inc. Account cover sheet Name 1053 130 1053 130 Non-English specification The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Charge fee(s) indicated below Credit any overpayments 920 1804 920* Requesting publication of SIR prior to 1804 Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1805 1.840 1805 1.840* Examiner action to the above-identified deposit account 1251 110 2251 Extension for reply within first month **FEE CALCULATION** 1252 420 2252 210 Extension for reply within second month 1. BASIC FILING FEE 1253 950 2253 475 Extension for reply within third month arge Entity Small Entity Fee Description Fee Paid Fee Fee Code (\$) 1254 1,480 2254 740 Extension for reply within fourth month 1,005 Extension for reply within fifth month 1255 2.010 2255 1001 770 2001 385 Utility filing fee 1401 330 2401 165 Notice of Appeal 1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 145 Request for oral hearing 1004 770 2004 385 1403 290 2403 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable **SUBTOTAL (1)** | (\$) 770 2453 1453 1.330 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Utility issue fee (or reissue) Fee from Extra Claims 1502 2502 480 below 240 Design issue fee Total Claims 34 14 X 18 1503 640 2503 320 Plant issue fee Independent 4 I 86 130 1460 1460 130 Petitions to the Commissioner Multiple Dependent 50 1807 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity Small Entity 1806 180 1806 180 Submission of Information Disclosure Stmt Fee Fee Fee Description 40 Recording each patent assignment per Code (\$) Code (\$) 8021 40 8021 property (times number of properties) Claims in excess of 20 1202 18 2202 9 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 1201 86 43 Independent claims in excess of 3 2201 1203 290 2203 145 Multiple dependent claim, if not paid 385 For each additional invention to be 1810 770 2810 examined (37 CFR 1.129(b)) 1204 ** Reissue independent claims 86 2204 over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1205 18 2205 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination of a design application and over original patent Other fee (specify) SUBTOTAL (2) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) 0 l(\$) **or number previously paid, if greater; For Reissues, see above SUBMITTED BY (Complete (if applicable)) Registration No. Name (Print/Type) 610-481-6560 John M. Ferphacher 32.895 Telephone 02/24/2004 Date Signature

> WASKING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.